

# **DAT Conference Call Summary 4/1/2008**

## **I. Participants**

JSpeegle(FWS), JWhite(DFG), AChu(DWR), EGleason(DFG), FFeyrer(DWR), TBoardman (SLDMWA), RShahcheraghi(DWR), GAasen (DFG), TWashburn (USBR), DAbellon (DWR), LBartoo (FWS), BFujimura (DFG), RSitts (MWD)

## **II. Conclusions and Recommendation**

No operational changes were recommended at this time.

Next DAT Call: Tuesday, 4/8/2008, 9:00 am - 11:00 am, (916) 657-4111.

## **III. Chinook Salmon Monitoring**

Red Bluff Diversion Dam: No report.

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at [http://baydelta.ca.gov/Php/Special\\_Reports/red\\_bluff.php](http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php)

Mill Creek: Total catch of fall and spring run sized salmon for the week was 768 (up to 50mm), which was higher than the previous week. 1 yearling (90mm) was collected. 1 steelhead were also collected.

Deer Creek: No sampling completed.

Butte Creek: No report.

GCID: No report.

Knights Landing: Catch continued to decline compared to previous weeks; only 5 chinook salmon were collected for the week. Flows are down to 6,000 cfs.

## **IV. Delta Monitoring**

For the period 03/23/08 to 03/29/08

Sac KDTR, 3 days, 30 samples, 1 DSM (67mm) & no other species of concern  
Mossdale KDTR, 3 days, 30 samples, 1 CHNS & no other species of concern  
Chippis MWTR, 2 days, 26 samples, 8 CHNW, 4 CHNT, 2 LFS, 2 SPLT, 1 RBT (203mm), & 2 DSM (73, 78 mm)

LS Seine, 1 day, 3 samples, 9 CHNF & 1 CHNS ND Seine, 1 day, 6 samples, 23 CHNF & no other species of concern CD Seine, 1 day, 7 samples, 2 CHNF & no other species of concern SD Seine, 1 day, 7 samples, 8 CHNF & 1 CHNT SJ Seine, 1 day, 7 samples, No species of concern Bay Seine, 1 day, 3 samples, No species of concern

## **V. Delta Smelt Monitoring**

Spring Kodiak Trawl: <http://www.delta.dfg.ca.gov/data/skt/>

The next Survey is scheduled to begin April 7<sup>th</sup>.

20mm Survey: <http://www.delta.dfg.ca.gov/data/20mm/>

For the Survey completed 3/17-3/21, at least 1 sample from all but three stations (stations 606, 342, 344). Results so far:

(reported last week) 1 adult delta smelt measuring 66mm was collected at station 809. It was checked for expression of milt or eggs. None were expressed, and the individual was released alive with no record of sex or stage.

1,271 longfin smelt were collected from 28 stations and were 5-31mm (avg = 15mm)

Survey 2 will start on April 1<sup>st</sup>.

DSWG: [http://www.fws.gov/sacramento/es/delta\\_smelt\\_working\\_group.htm](http://www.fws.gov/sacramento/es/delta_smelt_working_group.htm)

The DSWG met 3/31/08 and made a recommendation for the FWS. FWS will make their recommendation to WOMT on 4/1/08

## **VI. Salvage Facilities**

Salvage web site: <http://www.delta.dfg.ca.gov/Data/Salvage/>

Reporting Period: 03/24/2008 to 03/27/2008

Chinook salmon:

Winter-run sized salmon were only salvaged at the CVP.

The daily salvage and loss of winter-run sized adipose clipped salmon appear to be lower than not clipped salmon during this period at the CVP facility. Numbers of unclipped winter-run salmon dropped at the CVP while clipped salmon increased.

For this reporting period, loss of winter-run clipped was 7 at the CVP.

For this reporting period, loss of winter-run unclipped was 14 at the CVP.

Season total loss for unclipped W-Run is 356 at the CVP and 909 at the SWP.

Four fall-run sized unclipped salmon were salvaged at the CVP during this period. No late fall-run sized unclipped salmon were salvaged at the SWP or CVP.

Spring-run sized unclipped salmon (55) and clipped salmon (15) were salvaged at the CVP.

Spring-run sized unclipped salmon (2) were salvaged at the SWP.

Season total loss for all races for both facilities is 5799 ad clipped and 1644 nonclipped salmon

Steelhead:

Compared to last reporting period, the daily numbers of salvaged steelhead are lower (5 vs. 42) at the SWP but higher at the CVP (49 vs. 15).

For the period of reporting, at the CVP, the salvage total of clipped steelhead is 38 and for nonclipped is 11.

For the period of reporting, at the SWP, the salvage total clipped steelhead is 1 for nonclipped is 4.

Seasonal total salvage for CVP is 1544 clipped and 245 nonclipped steelhead

Seasonal total salvage for SWP is 1204 clipped and 547 nonclipped steelhead

Delta smelt:

Only CVP reported salvaging delta smelt during this period

For this reporting period, the total salvage at CVP was 4.

Seasonal salvage totals are 252 for CVP and 98 for SWP

No larvae less than 20 mm were sampled.

Longfin smelt:

Only CVP reported salvaging juvenile longfin smelt during this period.

For this reporting period, the total salvage at CVP was 7. The expanded number is 7 because pumping was shut down for 30 minutes to clean the primary louvers.

No larvae less than 20 mm were sampled.

Sacramento splittail:

Both CVP and SWP reported salvaging Sacramento splittail during this period.

For this reporting period, salvage totals for splittail was 138 for SWP which was a slight decrease from the last reporting period (145). Four splittail were salvaged at the CVP. Total seasonal salvage for both facilities was 4331.

Sturgeon:

No green or white sturgeons were collected.

## VII. Operations

SWP Delta Ops Summary: <http://swpoco.water.ca.gov/cmplmon/reports/deltaops.html>

USBR CVO Reports: <http://www.usbr.gov/mp/cvo/>

### SWP:

CCFB – 1,500cfs.

Oroville – 1,050cfs

San Luis - SWP share of San Luis capacity is 917 taf.

X2 - ~ 72 km

E/I - 14-day ~17%

### CVP:

Jones PP – 950cfs.

DCC - closed.

Trinity - 300cfs

Clear Creek - 200cfs

Keswick – 4,000cfs.

Nimbus – 1,000cfs

Goodwin –1,250cfs, will drop to 1,000 on April 2<sup>nd</sup>.

San Luis - CVP share of capacity is 774 taf.

### Flows:

Sacramento River at Freeport ~ 9,739cfs

Fremont Weir ~ 0

San Joaquin River at Vernalis ~ 2,496cfs

Delta Outflow ~ 8,879cfs. 3-day average is 9,681cfs.

Old & Middle River flow ~ 7-day average is -2,373 cfs as of March 29<sup>th</sup>  
(provisional estimate is -2,256cfs as of march 31<sup>st</sup>).

### Temperature:

Daily average for 3/31/08

Antioch ~ 15.0C

Rio Vista ~ 15.0C

Mossdale ~ 14.9C

3-Station Average ~ 15.0C

## **VIII. Delta Water Quality**

Delta continues to be in the "excess conditions" due to OMR fish action objective. Salinity in the Delta is general okay and continue to remain below concern levels with exception of South Delta.

### Chipps Island X2 standard:

The standard for April is projected to be met for approximately 20-25 days by a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64 ,or a 3-day average outflow of 11,400cfs.

### E/I:

35%

### Delta Cross Channel:

The gates must be closed from February 1st to May 20th for the protection of winter-run Chinook.

### Contra Costa Canal:

Cl  $\leq$  250 mg/L. In addition, Cl  $\leq$  150 mg/L are projected to be required for 165 days per year.

### South Delta:

30-day average EC  $\leq$  0.7 mS/cm.

### Suisun Marsh:

$\leq$  11.0 mS/cm.

### West Delta Salinity:

Emmaton, Jersey Point, Terminous, San Andreas: 14-day average EC  $\leq$  0.45 mS/cm

### San Joaquin Salinity:

14-day average EC  $\leq$  0.44 mS/cm

### VAMP:

Starts on April 22<sup>nd</sup>.

1,500cfs combined exports.

Approximately 3,000-4,000 pulse flow depending on water year type.

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>